



EMO BOOK
SHEETS

Property of
Arthur Cronquist
New York Botanical
Garden

Bronx Park

Bronx, New York 10458
U. S. A.

Scientific data, of no
Commercial value.

Revard for return

South African 231

Sept 2. 8:15 PM

01-734-9841

11557

0.611

Flowering plants of the world.

Oxford Univ. Press.

Oxford, London, Melbourne. 1978.

V. H. Heywood, Consultant editor.

5 Sept. 1978

7.95 pounds U.K.

Rolf Dahlgren

Angiospermales

Taxonomi 4 vols

1974, 1975, 1975, 1976

Akademiens Forlag, Copenhagen

Silphium radula Nutt.

29. Aug. Fly to London.

1 pound 10 in bus,
2 pounds in cab

30-Aug, Work at Kew.

Look up types in Polemoni-
aceae and Hydrophyllaceae.

Talk to Philcox, Steyermark,
Harley

Steyermark
looked at ms on Piperaceae,

Rubiaceae. Philcox took ms
of Acanthaceae for copying.

Harley took ms of Lamiaceae
for copying. Talk to Peter
Taylor

60 p. each way on tube.

31 Aug.

60 p. each way on tube,
talk to Cliff Townsend,
who looked at MS on
Amaranthaceae. Talk to Wm.
T. Stearn, who showed
me recent Heywood book,
infor alia. Talk to Margaret
Stant, who looked at MS.
on Petroselinaceae &
Triuridaceae, and showed
me slides of stem anatomy.
Get ms on Scrophulariaceae
back from Philcox. Lamiaceae
came back yesterday.

Look at miscellaneous
genera of Pedaliaceae,
Juncaginaceae, etc.

1 Sept.

40 p.m. to 6.5 p.m. in
AM.

looked at Huttall's types
in Silphium, Navarrelia,
Phlax, Gilia.

Cutler, D.F. ~~1972~~ 1972.

Leaf anatomy of certain
Aloe and Gasteria
species and their hybrids.

Research trends in
plant anatomy. (K.A.
Chowdhury Commemoration
Volume) ed by A.K.M.
Ghose & M. Yunus Yunus.
pp 103-122.

V. bundles of the leaf
of Aloeaceae characteris-

tically with wide,
thin-walled cells forming
~~across~~ a large cap at
the phloem pole.

The colored sap, when
present is in these cap-cells

Raphide sacs in the
chlorenchyma, but no
silica bodies, no tannin

at B. M. Means ms of
Acanthaceae to Stearn

at Judwell Lib, Kern
linked to Keith forest
David Cutler. Cutler
linked at ms of Restioph.
Luncalls, Alveolaris,

and showed me his large
living collection of Alseodes.

at Kew Herbarium -
looked at *Synandrodaphne*.
Looked for *Asteropygia*,
but ran out of time

2 Sept. Free day in London.
Arrive airport

ca. 6:30. In line to check in
from 6:45 to 7:50. Plane
to leave at 8:15.

3. Sept. Arrive Capetown
ca 9 PM. Taxi (11+ rands)
to Kirstenbosch. Look
around grounds. See

Greyia, Felicia,
Aretotis, Gerbera, Impatiens,
various legumes, Polyala, etc.

Find bus to Mobyay, then
to Capetown to get something
to eat. Then 2 buses back
again.

4 Sept. A national holiday
in South Africa.

photos - 1. Blank

2, 3. Greyia nadelhoferi

4, 5. Filago thunbergii

6 - Hills back of Kintombosch

7 - Hill Euphorbia

8 - Lerocarponium umbellatus
(Proteaceae)

9, 10 - Protea cynaroides

11 - A yellow-flowered composite
shrub with green, narrow
green leaves. Heads discoid,
negotiated briefly. Pappus
bristles deciduous in a
moss. Style branches with
short marginal stigmatic
lines and long, narrow,
short-hairy appendages.
Antheriferous?

12 *Elegia capensis*. Prostrata,
with a herb of slender branches
arising from the axil of a
large primary branch.
The main stem, giving
a woody squaroid appearance.

13. *Berzelia lanuginosa*
(Kunze) Engelm.
Shrub with ^{panicled} ~~racemes~~ of
white heads, some extra-
floral nectaries at the
branches. Panicles or
clustered racemes.
14. *Lambertia*

5 Sept. Kent Field
27900
Burchell to Bultman
on the coast. Has
a lot of yellow flowers
mechanical.
+ all to Dr. Williams of
the museum, arranged by

into natural reserves for
next day.

11567 - *Spatella*

Proterocera - "Fynbos" -
dry stony open slopes
above Hermannus

ca 150 m. slender shrub
4-5 dm. fls. dirty-
whitish (2)

11568 Same place - quartzitic

sandstone hill

Serruria amaemula var.
heterophylla. Perianth

3+1, segments dark red,
heret on the back with

long white hairs. Silicles
adnate to perianth. (2)

11589. Penaeaceae

Saltera sarcocolla.

Plant with a large,
persistent ~~to~~ root crown
ca 1.5 dm across, from
which numerous slender
stems arise. Flowers
tetramerous; petals rich
pink with white base.
Filaments white.
anthers rich pink.
Stoma capitate. Leaves
firm, ^{rigid} acute.

Tranda capensis,

radial compound
with several centers
of pinnules.

Plants 15-16-17

Leucodendron grandifolium

18-19 - *Leucodendron grandifolium*

Leucodendron

Leucodendron grandifolium

20. *Leucodendron grandifolium*

21, 22 - *Rafia*

23-26 - includes

Grubbia rosea

Leucodendron

11522 - *Grubbia rosea*

Shrub to 1 m. Petals

white, inner petals

pink, slender,

freely branching shrubs

11591 - *Penaca micrantha*

Herb. plant, sparsely branched
shrub 3 dm. tall. Upper
leaves with anthracnose
marginal canals light green

11592 - *Petzia capensis*

all leaves in flower. 300 m.
Simple or sparingly branched, upright
stems to 3 dm. bracts distally ochraceous.
Corolla tube red, lobes blackish, but
with white veins esp. distally.
perianth

Grubbia micrantha 115

Grubbia micrantha 115
11591

3 + 4. *Penaca micrantha*

11591

5 + 6 - *Roridula*

7.8.8. 1934

Erica hispida a. *microphylla*
erect, branched style

1543 *Erica aristata*

Slender, branching
shrub to 6 dm.
Corolla sticky, red at the
base and summit, nearly
white in between, the
spreading lobes nearly
white at tips (2)

to 450 m.

Restia microphylla

1544 Freely branched, shrub

nearly 3 m tall, quartzite -
sandstone cliffs above

to 450 m.

Flowers - buds gray-white

Plots 27-28 col.

27. *Brenia albiflora*

thicket stems, plus

Leucadendron (Berzalia)

Brenia) 28. the

Brenia *Leucadendron*

29. *Ministeria* *crucifolia*
(*Passiflora*)

30-33. *Leucadendron*
xanthocarpus

7 Sept. Plate Hermannus
at 25000 ft.

A common yellow
flowered shrub has
pinnate compound leaves!
Ostrya moniliformis
11595 - 7 Sept 1928

Shrub ca 2-3 m. high
in fⁿgⁿ on plateau
shortly north of Pearly
Beach. 70 km. east
of Hermannus. Leaves firm.
Flowers epigynous. Petals
white, a little less than 1 cm
long. Stamens ca 25.
Carpels 8-10 Capsule
is curved across the top.
Myrtaceae? Sand &
Soil

Chrysanthemoides m.
9/10, 1928

Turn around at
28127.4

Dr. I. J. M. Williams

The Bungalow

29 10th Street

Voelklip, Hermanus, So. Afr.

133.3 at Pearly Beach Jet
199.0 at Hermanus

It was Fernkloof Nature
Reserve in view in
afternoon

On the shore dunes west
of Betty's Bay, a

Successant, creeping - granular
ring senecioideae lavender
rays and yellow disk.

S. elegans

Spent many for - small

Successant

6 Sept. Mt. S. of
Keweenaw, a
sterile shrub with
3 strobiliform panicles
in dense? racemes.
Leaves all spatulate, serrate
R. has 10-12, in 2-3 whorls.

6 Sept. (2) shrub
with opposite elliptic
leaves 2-3 cm. long, 1-2 cm. wide,
oblong, pointed apex.

app calyx teeth.

4 tiny short styles (or
a 1 short staminal). maybe
only one developing anther

Stems. color photos 1-6
at Cape. # 6 shows

legumes. Euphorbiaceae.

Ranunculaceae, Astrovaceae,

GOK

3 + 4, often 4 teeth
are yellow rays of
Ranunculaceae.

172 B&B her at Cape ✓

#11596 annual.

Corolla ~~with~~ ~~lobes~~ sympetalous,
with a 4-lobed upper

lip bearing 4 dorsiflexed
stamens, and no lower

lip, white with a
conspicuous orange-red
blotch on the upper lip.

Sandy wet slope
overlooking the sea,
about 3 km north of
Cape Point. In

pycnos.

(2)

60k

try *Hebenstreitia* (Scrimgeour)

or *Dischisma*

11577. Same place as 11576.
Shrub 5-8 dm tall with
anthers yellowish, heads
white usually, more
densely and conspicuously
conspicuous.
Eriocapulus ~~racemosa~~ ^{L.}

11578. Same place as 11577.
7 aged annuals with
erect, spreading ascending
stems. Leaves white,
with a broad brown
strip on the back. Flowers
5, alternately.
3 broad, intrastaminal
receptacles aligned with the
3 sides of the ovary.

~~Stem 3~~. Ovary 2 locules
with numerous ovules

in axile placentas
Leaves closely appressed,
with conspicuous white-
resinous, punctate
stipules, fruit?

3 large white stigmas lined
in longitudinal ridges.

Pharnaceum - molluginaceae

Planta 7-10 decim.
in leafy shoot type

rosette leaves yellow - aged
dark brown - may be
sick - equal to
mossy - succulent - stem
erect -

3- or 4 teeth on
yellow rays are a
persistent legend
Berkeley's about.

18 Sept. *Arctostaphylos*
has 3-toothed rays.
Urosia calanduliflora
has 3-toothed, occasionally
2-toothed, virtually entire
rays.

What appears to be another
species of *Urosia* has
3-toothed or 4-toothed
rays (about middle
of the same time as before)

Urosia species has 3-toothed
rays occasionally

4-toothed, the long middle
tooth sometimes more than

Lageria nigrus has mostly
2-toothed, seldom 4-toothed
rays. (Arctotidace)

Solanum krusianum has
2-toothed, often 4-toothed
rays.

Eurythoe (Pectinatus &
Chrysanthemoides) has
3-toothed rays. (Senecionace)

Ursinia chrysanthemoides
has 3-toothed or usually
2-toothed rays.

Arctotis auricularia has 3-toothed
rays.

Thus *Arctotis acaulis*
auriculata
Gazania regens
Krebsiana
Lusinia speciosa
chrysanthemoides
calceolifera
Berkheya (?)
Arctotheca (possibly ?)

have "normal" rays, with 3
to 4, or not infrequently 4
or 2 in same app., but
never 5.

Scabiosa africana in the
Garden has ~~an~~ ^a ~~truly~~ ^{racemose}
sequence of flowering within
the head.

Colo. 13-14-15

attn: ~~at~~ Cape
Remusula

16 Brunia

#2 of black & white Brunia

#11599 - ~~Brunia~~ Brunia

In ~~the~~ wet fynbos are
Cape Remusula

Shrub 1-1.5 m tall

Heads bright white,
visited by various
sorts of insects.

17-18 color.

Lencodendron, with
Green & Rustaceous.

Berkeley's spring camp -
3-4 teeth. Invol. br.
united high up. spring.
rays ventral, yellow.
receptacle fringed-drooping.
achenes epappose. C. & G. common
another sp. - 7th same
genus, but more robust,
and with pinnate - spring
phyllaries has more often
3 teeth than 4. (L. H. B.
try Hippocrepis or
Gorteria These are
Callunmia

Another antitiled corvys.

yellow flower compound
heads, the outer with 9
rays - pappus a few inner
rays obviously 2-3 toothed

This became #1600

Erodia imbricata if lvs ovate

~~*Oedera*~~? *E. capensis* if
lvs. ± linear. *Anthemideae*

19 - 20 color - mainly
Erica and *Restionaceae*
Protea in background

4 + 6 in h/w. (5 black).

Restionaceae (foreground)

Protea (background)

miscellaneous other smaller

Protea + *Erica*

fl. 7 - characteristic
scene, dominated by
Protea (the large shrubs)
and other proteaceae, and
Erica and Restionaceae.

3 teeth in the rays of an-
anastomodal with cymoseous
style - big yellow, fertile
rays with a pappus of
several small scales
disks vertically appressed
~~but apparently~~ ^{sterile} ~~fertile~~
receptacle long - bracteolate
phyllaries imbricate,
destruct, the inner
with broad ~~receding~~ ^{receding} top
leaves alternate
This becomes # 11601.

Rays yellow above,
purplish brown beneath;
dark blackish. - 18-23

~~Guadalupe? G. sonia?~~ Arctotis?

11607 - ~~Cramulaceae~~.

Corolla voluminous,
the lobes reddish brown
beneath.

These both are dry, open
sandy flats overlooking
the Atlantic, about 1 km
inland.

What is the ericoid low
shrub I have seen repeatedly,
with short dense
spikes of fls - 4 tepals,
& stamens? *Moss Brownian?*

11 Sept.

Arctotis auriculata
has 3 teeth at ray tips
also another sp. of *Arctotis*

11603- *Elapagnoceras* 11 Sept.

Corolla regular, the limb
5 lobed (each lobe subcordate),
lavender with "yellow to
red eye."

Sandy soil. Coastal fynbos
West Coast - about 6 km. west
of Atlantis.

~~F. W. S.~~
Zaluzianskia villosa
Scrophulariaceae F. W. Schmidt.

(2)

Arctotheca calendulacea
has 3 teeth with rays.

Arctotis aspera has
3-toothed

11694-11 Sept. for coastal
camb. on sand, ca
1052-53) —————

at Donkergat. S. of the
P. 1. Shrub ca 1 m.
tall. Fls. chloro-lavender.
Pentamerous - diamerous
5, 2-lobed, actinogamous

Stems 5, antiparous,
arranged by the flowers
into a tube around the
opposite style
(3)

Claytia daphnoides

Leaves lanceolate,
and like ~~some~~ *Quercus*
and in good *Ulmaceae*

12 Sept. Forest at mouth
of Chiltons Horse Cove
to 100 ft. Flowers
rich light-green
hypanthium and

white petals and sepals,
pentamerous. Fruit
a reddish drupe 1 cm
thick or a little less, with
rather thin pulp.

#11605. ^{Stomoxys} ^{sp. 4 in pet} ^{as}
at summit of the
mountain; pet much < sep. which
are petaloid.

Calvinia ventricosa (3)

Dicotyledon Scabiosa
freycana. The arrangement
of heads is strictly cymose.
Within a head, the acata
2-3 rows of fls, with
bilabiate corolla, bloom
in centrifugal sequence.
Then a couple of rows
of fls halfway up

the cone. Then the
 solvent the lower part,
 with the first flower to
 blow in the central
 part part is the terminal
 fl.

10 rands 30 for gas -
 after 3 rands last night
 27.2 \$ per liter

$$\begin{array}{r} 38 \\ 272 \overline{) 1030} \\ \underline{816} \end{array}$$

2140

2176

48 liters

662 km.

$$\begin{array}{r} 13.7 \\ 48 \overline{) 662} \\ \underline{48} \end{array}$$

182

144

380

13.7 km per liter

$$\frac{5}{8} \times 13.7 = \frac{68.5}{8} = 8.6 \text{ miles per l.}$$

Reichardia squarrosa,
with antlered - dense
stiff branches, has
meristely 3 leaflets
yellow waxy

Sept
13. Aug. sola planto 2)

Alce camosa

Cotyledon rotundifolia

Tylosodon perfoliatus

Ruellia sp.

Euphorbia maculata

Heliconia sp. (yellow)

Skittery Clot -
a 100 miles of 1/2 paces

22 - Virtually all
Aridaria sp. 1/2 paces
1/2 paces. Aridaria -
1/2 paces. Aridaria -
1/2 paces. Aridaria -
1/2 paces. Aridaria -

23 - Aridaria sp.

- Aridaria sp.

24 - Didymastus apud for-

25 - Didymastus apud for-

31 - Aridaria sp.

32 - Aridaria sp.

Psilocaulis in *Agave*
is a small succulent

Trichostema - is a species
of the same family
Ranunculus - is a species

14 Aug. colorado 33

Kanab Lillieside

Clematis - is a species

Eucalyptus - *undulata* - *Ebenaceae*

= 34 - *Cassia* *rupestris*

11606 - 14 - Sept

12 miles n.w. of

Laingburg (Wittberg
Road), ca 2000 ft

sandy wash in hilly

country. 7 pointed perianth

~~sepals~~ 5 rich purple stamens

petals, 5 ~~stamens~~, ~~one~~ one

anther, 5 stamens 5 pairs
of stamens in cluster

~~Agave?~~ Heliconia?

35. *Calcar*.

Alae mitriformes
et eis discoid stigma

Alae striata stigma
punctata, margine et
inter lappas brev, but
decolorate to the
margin of the center
from a definite tube

2 x 2 phyllous part of
the leaf, the insertion
in a disk.

11607 - Sweden,
west about 3-4 mi.
Petals 4, red. Stamens 8.
Trysberg area.

Well drained rocky
granite, open
shrub -
semi-desert shrub
community

Hymania capensis (Thunb.)
Lindl.

Hymania (3)

Filaments connate at the
base. Ovules 2 per locule.
Locules 4.

Bulbing has spp. with
perennial and spp. with
annual leaves.

B. frutescens has perennial leaves.

A numerical survey of the
genera of Aloineae.
(= National)

Nat. Cact. & Succ. J.

22 (3): 71. 1967.

Gasteria

Leptaloe

Poellnitzia

Chortolmaria

Aloe

Kniphofia

Lomatophyllum

Notocapitulum

Astroloba

Haworthia

Aloinella

G. D. Rouley

Chamaecarpha

Guillauminia

The evolution of
late-Quaternary
palaeoclimates of
southern Africa.

E. M. van Zinderen Bakken
Sr.

Journal? date?

160-202.

Aloe kniphosoides
has deciduous leaves

The *McNanthus pectinatus*
3 sepals, 3 sepals, some
lanceolate and small.
4 slender petals - all
adaxial. 4 stamens
aligned with the ~~sepals~~

Frases of the many
Stigma punctata

Udella species
see 3-4 5th.

Rhipidopsis definitely
belongs to the class
in spite of the unusual
form. Flumens
look very alcid

18 Sept
Hysteropteris
Habit

perianth and roots of
friction

Perianth of 2 fls.
lobulate - apparently
perhaps of 2 types,
lobes apparently of
one. 2 stamens attached
to upper lip, one on each
side.

2 fls. below, perianth
apparently different
lobulate - short lips.
Style thick and with
apical stigma.

Revised 1st of 11 lines

1,3. ...

16 Sept.

2nd to 4th ...
...
...

...
...

...
...

15 - *Desmodium illinoense*
and *Urtica* sp.

(*Desmodium* with
y. flower) flowers

In *Desmodium*, ~~color~~,
as *Desmodium* in *Desmodium*
occasional

Desmodium *Desmodium*

Desmodium *Desmodium*

Desmodium *Desmodium*

Desmodium *Desmodium* with *Desmodium*

Desmodium *Desmodium* *Desmodium*

Desmodium *Desmodium*

Desmodium *Desmodium*

Desmodium *Desmodium*

Desmodium *Desmodium*

Desmodium *Desmodium* *Desmodium*

Desmodium *Desmodium* *Desmodium*

Desmodium *Desmodium* *Desmodium*

11258. *Asplenium* 11258
color

Open, rocky, quartzite
north slope, Nagaike
at the outskirts of Patana

1300 m. Trench

~~Asplenium~~

ascending to subarctic
many small shrubs
up to 1 m. tall.

~~Asplenium~~ at 6000 ft of
3000 ft. Asplenium
type. *Asplenium*

Asplenium ca. 5.

Oct. 1918.

with Edward de Winter

17 Sept. - during
afternoon
18 Sept. - during
afternoon

16. - during
afternoon
- during
afternoon
- during
afternoon
- during
afternoon

Stipules in
upper part of
terminal bud, and in
axillary

Dipodomys

Merriam's *Fossil*

2 Mammals - Shores

2000 *1908*

2000 *1908* *1908*

2000 *1908* *1908*

2000 *1908* *1908* *1908*

2000 *1908* *1908* *1908*

2000 *1908* *1908* *1908*

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2000 *1908* *1908* *1908*

2000 *1908* *1908* *1908*

2000 *1908* *1908* *1908*

2000 *1908* *1908* *1908*

2000 *1908* *1908* *1908*

1 stem erect, well
separated lobes
cylindrical, thin
leaves of plants somewhat
flexible

Capsules lanceolate
3-angled, white plant
in flowers.

Xanthoxylum usagi
tall to 15 m. leaves
leaves. flower buds
polygamous. fruit
white color, with a
white seed. Photos
11 + 12

Photos 13 and 14 same plant
as above

Trunk, in the flower
has good personal
habit then

Take long walk to
the head of the
river

Get a good view of
the river and the
copper mine
(if possible)
to the south

Cross road and take
trail downhill into
jungle ca 100 yards or
less - mostly before
black

To go up mt:
Rover to Park
Headquarters.

21 Sept

11609
Mammals - in
Nesbitt's house.
Linden box about 1.5
m. tall, leaning
Pavilion at base.
In ~~forest~~ old
mixed forest with rain forest.
in Salween, District
of Kanching, Tumpuan
Park. Ca 30 km north-
west of K.L. alt. 15 m.

Phacelia grandiflora
Large, open, corolla
4-lobed, and
corolla 1.5-2.0 in. long. 4-5
stamens all about
the calyx tube.

Phacelia grandiflora

Phacelia grandiflora
San Joaquin Valley,
California

507 1/2

By Malheur Reservation
Deposited in smaller
plant with petals
toward the top

The flowers of *Harporhiza*
and *Leavenworthia* are
white. Both have lateral
stems continuously pushing
off off from the
main stem and
forming a ~~series of~~ to
form a series of parallel
petioles. The
leaves on the leaf
are somewhat but
many of them, being
not at the tip,
either decreasing
at a cross line, as
in *Harporhiza* or
increasing into one.

Pennisetum of Langiana
small, firm, persistent,
perennating, biserial,
the 2 series much alike
Stigma sessile, discoid -
triangular. Fruit
looks to be baccate.
Infl. paniculate.

Chrysopsis - Scortechinii
Tall herb - spike
fl. - glumes large
below. Pet. 5, small,
white - no color change,
white - mostly - externally
distinct. Stamens 5;
anthers very long.

It started around the
margin of the overhang,
but distinct from the
spiral points, a distinct
with the points. Another
distinct, apparently from
specimens, and the
first of the points
distinct, sharp point, the
not as the spiral at
the top. A possible
to be seen around the
margin of the overhang
Oval on the side 2,
placental axis.
From 2 rows on the side,
each row extremely
distinct.

32 - Sept.

Quaternary & Tertiary
assemblages by Lute

Log to 15 m

Middle of

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

Quaternary

rest of the 13th
to study further

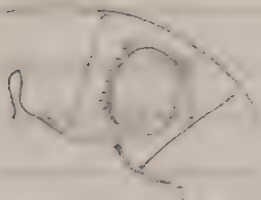
Apr 13th
Cystic Contaminants
- 13th

12 - Montanensis
- 13th
- 13th

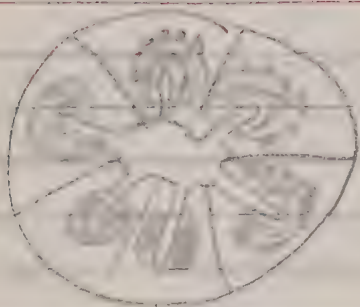
Lupinus, Dypsis
(18th), Lentis
(13th) - Shown
(Cystic - 13th)
Fragaria

[Faint handwritten notes at the bottom of the page]

[illegible]



Placentation in Dumbur
seemingly but not really
axile, the slender partitions
deeply intruded, then
flared (membranously)
and folded back to
join together in forming
an invagination. The placenta
attached to the invagination
and leaving numerous points
on its surface, but
the ovary without a solid
central axis.



3 Sept. 1888
Hill. Zingiberaceae
monandrous. Stamens support
Carpocarpium. Locust-like
seeds ovately winged
with the winged, the
— — — — —
the type. Epigynous. 3-merous
— — — — —
being smallish (about
16). 3-regular small
cells. 2 lobed petaloid
stamens. 1 stamen.
2 separate pollen sacs.
The anther-bearing
the style. — — — — ?
2 — — — —
Carpocarpium — — — —

100 - 1000 1.27
1000 - 1000 1.27
1000 - 1000 1.27
1000 - 1000 1.27

1000 - 1000 1.27
1000 - 1000 1.27
1000 - 1000 1.27
1000 - 1000 1.27

1st Sunday

2nd Sunday

3rd Sunday

and leaves very
sessile, opposite, with
2 nerves, cylindrical
structural hard to soft.
Epiphyllum?
Ricinus mucron

¹⁷¹¹
Tropaeolum
Small, thick, plant
on 31-32 inch
high wall

Ricinus mucron
structural very slightly
very large, opposite
prolonged opposite
Euphorbia
3-4 inch, opposite
unilateral, many, 1 inch
combustion.

Shrub 2m. fls
white
Lumitzera ^{ramosa} ~~canadensis~~
(Combrataceae)
pet white

Scyphopodia hydrophila
(Rubiaceae) - leafy herb,
with thick leaves
corolla maroon
white

Arctostaphylos alba
with Saxifragaceae

Corypha with Purshia
10 stamens. Superior. ovary
3-angled. ^{white} ~~ovoid~~ ~~triangular~~
Corypha candolleana
(Rhinophoraceae) fl.

Carpus candelaria

11610

Philz (2)

Rhizophora mucron.

Philz.

Scyphophylla hydrorhiza

White 11613 (2) Kuch

Lumnitzera racemosa

~~11612~~ 11612 Compact (3)

Avicennia alba

11611 Kuch (1)

Avicennia bicolor

Sonneratia griffithii

11614 Sonneratia

Let Lumnitzera

11615 11616 11617

Sonneratia griffithii

Let Lumnitzera

26 to airport
cab. cab \$5 U.S.

26-sept Note tinctoria.

A lady basically moody

herb that I do not immediately
place in family. Leaves
alternate, simple (but
with a basal point),
shortly rough hairy.

Infl. terminal, corymbose,
raceme-like but much flatter,
bractless. Fls perigynous
calyx & clearly valvate.

Corolla sympetalous,
5-lobed, white. Stamens
attached midway in the
corolla tube, alternate
with the corolla lobes.
Style with 4 linear

stigmas. Ovary superior,
looks to have 4 locules

and 4 miles. Quid?

Perhaps Cardicidae,
in the Baragmura?

27 Sept. Katakina

~~4250~~
~~443~~

58360

Arwiss agency

Heart a. T. day

5.03

17.20

1 KIC 3:20 P.M.

3327.6

in the Katakina

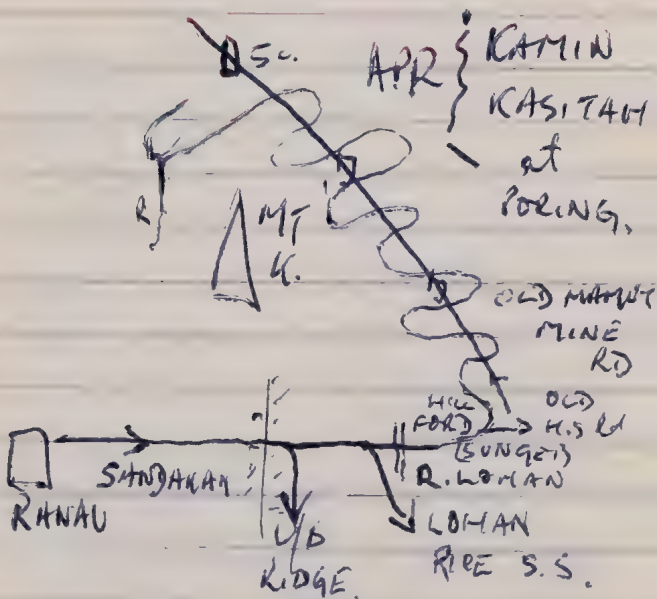
5:15 P.M.

Kinglet
24, 25, Tropical in green
mountain forest at Kinabalu
this is 18 types

A Zingiberid thing
with 3 white, 1 petaloid,
approx. 2 sepals, 3
white petals, a large
labellum, & virtually
~~not~~ no other stamens
anthin typical

A lilioid stem
with a cluster of pleated
basal leaves; basal
globose clusters of
ordinary lilioid spigues,
yellow flowers.
— Curculigo? —

HYPERLESIA LOCATION.



DEBEL. ANG LEE
TIN.

Franklin County
24 Sept 81 8, 400
3956

Calder 26, 27
Tropical Agriculture
L. H. H. H.

Kamin P.R.

Rafflesia at Tule
5 ft. in height
cylindrical from
the base. Numerous buds,
and just opening flowers,
are apparently in
clusters. It hangs from
the ground. I think I have
nothing in my collection
like it. The leaves are
thick, succulent, and
green. They are white,
glabrous, and fleshy.

32 Sept.

From Station 10154

Color 3133 - Temperature

24.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

1. ~~normal~~ ^{normal}

23.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

22.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

21.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

100

20.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

19.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

18.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

17.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

16.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

~~normal~~ ^{normal} ~~normal~~ ^{normal}

15.5 - ~~normal~~ ^{normal} ~~normal~~ ^{normal}

Stomoxys calcitrans
Common house fly.
Up 3. red 1. black
7. black. 8. white.
10. white. 11. black.
12. black. 13. white.
14. black. 15. white.

Two can't see well up
3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.
Phylogeny, with relatively
broad 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.
with short neck like 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.

Sciaenops ocellatus
Eupoda kribia

Rh. ericoides

(Massif de la Montagne
Lauterbach, Gipfel.)

Schinus molle (L.) Cass.

Eugenia pimenta

Rhododendron ericoides

in photo 2, 24 in front

the amount of work done
during the last 24 hours of the
week is the total
- include whole area

3 Oct - leave work
3462

at KK. \$4 Malaysian Tax
= ~~\$22.45~~ US

at Singapore & 10 days
tax = \$5 US.

at Maunabo

540 frames for
bus fare
= \$7.20 US

Colo.

U.S. Polytechnic

Department of Geology

B. G. "files"

10 - D. ...

[illegible]

12. Large, fan-shaped
leaves, H.C.

13. Small, fan-shaped
leaves, H.C.

14. Small, fan-shaped
leaves, H.C.

15. Small, fan-shaped
leaves, H.C.

16. Small, fan-shaped
leaves, H.C.

17. Small, fan-shaped
leaves, H.C.

237
Gymnocarpium dipterocarpum

Montana - common

A. glanduloid with wings
Hairy, some scabrous
Leaves

Gymnocarpium dipterocarpum
So-called by the Indians

The Gymnocarpium
is a very common plant
which is very useful
to the Indians

2371

2 to 4 ft. plants
ca 15 per cent plants.

5 per cent, 1 per cent, 1 per cent
of the total in the area.

Leaves 5 to 10
Hypocotyl glabrous, leaves

hard, succulent, green
Lenticles 5, phloem 5, green

adaxial, lenticles only
occasional, lenticles

but regular, irregular
should be 2

Lenticles 5 to 10
Lenticles, lenticles, lenticles

Lenticles 5 to 10
Lenticles 5 to 10

On the 1st of June
about 10:30 AM. I left
the house for the
Museum, and by
11:00 AM. I had
a head full of
the day's work.

During the time
I spent in the
Museum, I saw
many interesting
things, and I
was very much
interested in
the work of the
Museum.

On the 2nd of June
about 10:30 AM. I left
the house for the
Museum.

4 yellowish petals
6 stamens, 1 in 2 single
style.

Thallus 20-4 edge like
a plate, apparently
entire - stamens all
set. The specimen very
crispy. Canada
Hawaii.

Thallus brownish
lanceolate, about
1/2 inch tall

2 1/2 inch tall
Hawaii

Micrographia

linaria

canadensis 15,
open places

G. RUSSELL

ENTOMOLOGICAL DIVISION

Private Bag

WELLINGTON, N.Z.

for paper on *Micrographia*

July 1919

Myriophyllum

Temple, S.S. 1975 March - April

Monks in N.E. Chap.

W. in Chap., (all)

Chap. Chap.

N2. Dr. W. J. J. J.

et

Monks adapted
to for the monks
com. for the monks
do in the monks

the the the the
the the the the
the the the the
the the the the

24500 ~~cin~~ ch. 2000.

ombrella.

Trivexia

Puccinypia

Winterhouse

Calculus

Alouatta palliata

31 Histology, C.S.D. 10.11.11.

$$\frac{d^2 \phi}{d\tau^2} = -\frac{1}{2} \frac{d^2 \phi}{d\tau^2} = -\frac{1}{2} \frac{d^2 \phi}{d\tau^2}$$

[Faint handwritten notes]

... ..

Scrambling, abundant
occasional with
lots of leaves of
moss in basket.

And the present is

[illegible]

pitab. with a
hollowed out, apparently
reticulate base.
no other obvious
features.

Flowers 10-13.
crown with
cylindrical lobes
marked.

Corolla yellow,
in distinct rows.
Stems in pairs.

Mont. Br. 1844

17 300. 100.00

100.00

5 40 100.00
12.00 \$ 2.20 1 for
100.00 100.00

\$ 2 100.00 100.00
from 100.00 100.00
100.00 100.00
100.00 100.00
100.00 100.00
100.00 100.00

Received from
Carrington & Co.
\$500.00
Total \$500.00

15. *Antennaria* *Antennaria* 4-10. 25
~~Antennaria~~ *Antennaria*

Hustiribulata
Coryphaeus
Xanthorchus
Sarcosia

16. 22. 52/1000

M. L. Pulling down
a balance

Schizothorax sinensis

1-3, the other

Halobolus sp.

John D. Smith, Jr.

— 282 —

[Faint handwritten text]

.....

Tropical evergreen
forest with, and
the great diversity
of species - all
the plants known to man
the habitation of the
of Antilles -
A Chorizanthe,
Humboldt

900 m - 1st floor

6-10 floor



18. Oct

Diopatra

Red. - somewhat at the
base of the fronds
and the cotyledons.

At the base of the fronds
the middle splitting down.

Fruit ^{two} splitting along
the cotyledonary lines.

9, 10, 11 - *Diopatra*

Fruit with three,
rotting away, leaving
the large red ~~seed~~
with 3-4 fleshy - firm
cotyledons.

3917.1 miles

12, 13 - forest desert

14. *Licuala ramseyi* -
" palm -

Little Mulgrave R.
ca 30 km. NW of
Cairns.

50 m.
tree 6 m

Eximonia

~~172~~ ca 70 specimens

911435 Hybrid!

31745 to 31746

Re-colour 19-20

hybrids - 31745 & 31746 19-20

Return Ballantyne

A yellowish greenish

hybrid with a small

repetition of some

in the middle of the upper

leg. Hybrid, hybrid

Hybrid 31-20

ca 70 specimens

From opposite board
Tetrahedron is a small
symmetrical object
I suppose all the
styles & all the
beams over the canopy
& joined ~~at~~ together
many superior
beams & it is really
a little piece.
Buddhism?
That - but you cannot
have.

There is a
painted section
Mitra USA and up.

15. *Anthracoceros*

Eucalyptus
Myrtaceae
Thymelaeaceae

16. *Albizia*

Albizia
(*Mimosa*)

Albizia
(*Mimosa*)

Anthracoceros

Eucalyptus

E. pilularis

Scitaphidius

Phyllophaga [Phyllophaga]
and [unclear]

Scitaphidius [unclear]
[unclear]

Wm. P. Woodhead
Gen. Botany Dept
Univ. of New England
Armidale, NSW, Aus.
for info on [unclear]
Scitaphidius [unclear]

Laurel - la. & lina.

Helianthus scaberrimus

Summ. in *Handb. of the* to/m.

1874

7. The above is a sketch of the
road from the country at
the upper end of Lake Huron
just north of the present
Sault Ste. Marie.

26. ~~Problems~~ ~~Answers~~

Eucalyptus forest,
ca 12 km. southwest
of Coramba. wet
eucalypt forest
of Eucalyptus, with
a fairly well developed
understorey. Elevation
100 m. 400 m. 100 m.
Eucalyptus forest.
Eucalyptus forest.

22.25 Eucalyptus forest.
Asplenium nidus.

Tasmanian
shrub 3m. Sepals 2,
2 km. n. of Mejan

Leaves not white
~~as the young~~
the upper ones

Alpinia williamsonii
var. *polystachya*
Leaves elliptic,
provided with
sometimes ribbed
along the primary lateral
veins beneath, just
above provided with
rib on them.

Thymus trifolius

Common in the
open fields, especially
along the roads + the
edges of the woods.
It is a very common
plant of the country and is
found in the fields
and along the roads.
It is a very common
plant of the country and is
found in the fields
and along the roads.

Codonocarpus

occasional throughout
mountain slopes, but
rarely ~~in~~ north slopes
on the east face of
Dorridge Mt. Dorridge
H.P. 5700.
Small, short, bushy,
soft wood tree,
fruiting with
Pentstemon, very
common, and generally
only one or two per acre.
Leaves with small
fleshy stipules

29, 30, 31 - *Eucalyptus*
forest at Bangalore Creek,
about 30 km s. of
Coff's Harbour
Small *Callitriche*
white flowers in dense
bushes in surface.

32 - 2 *Eucalyptus* forest
100 ft. tall trees in 100 ft.
200 ft. tall trees in 200 ft.

33 - 2 *Crinum* in
bushes *Eucalyptus*
forest *Epiphyllum*
Doryanthes excelsa

$$\frac{13}{34} \approx 38\%$$

8/10/00

3-20-10

J M VEILLON

[illegible]

Cordylus has
large smooth
angular tubercles.

Hemidactylus from
New Guinea etc. is
a shaggy Polypus
with flattened but thick
parallel smooth all over to
be covered with fine
scales consisting of
flat elongate hexagonal
scales joined by
small lines.

T. ericifolia (Trombidium)

4 sep 4 pet, neg.

5 stamens pericidal.

7 locules, each with a
single erect seed.

T. ericifolia

11636 Ku-Ringa. Gai Chon.

Nat Park, Saraburi.

on a dry, open, sandy

250 m. West of Bangkok

Sandy hill land.

T. ericifolia

13 m. long, branching

shoots up to about 1 m.

11637

Conospermum sp.

+ ax. tomentum

1-2m erect, simple
or few branched stems
up to about 8 dm.
fls. whitish.

11638 - *Leucopogon*

micranthus

Widely branching shrub
up to about 1m.

Fls. white

1-2 photos of head
dark - 2, 4

11630 - *Ranunculus*

repens

Sp. in wet places

in very wet places

slopes

Rocky

rather common

June 10, 40

style 2

11640 - *Taraxacum*

officinale

4 Sep. - 10 ft. tall

in wet places

Wet, sandy soil

on road and 5 ft.

Edible - 10 ft.

Over the ~~high~~
Entrance on road to
west side of
Carrington

24 Oct.
Encryphia

25 Oct.
Insectarium, California
a. Schaffner noted.
has a large collection,
especially of beetles,
at least 500 specimens
in the morning, which

Reads to H. E. a list of
Pittsburgh and ...
... ..

I am very ...
... ..
... ..
... ..
... ..
... ..
... ..

Cenomanian

for oldest Protoceras
pollen

#10 = Protoceras
pollen
26.000



14 Atherton

15 Atherton

16 Atherton

17 Atherton

18 → Brisbane

19 Brisbane →

20. Coffs Harb

21 Coffs Harb

22 → Sydney



23 → Sydney

24 → Sydney

25 Sydney

26 Leave Sydney

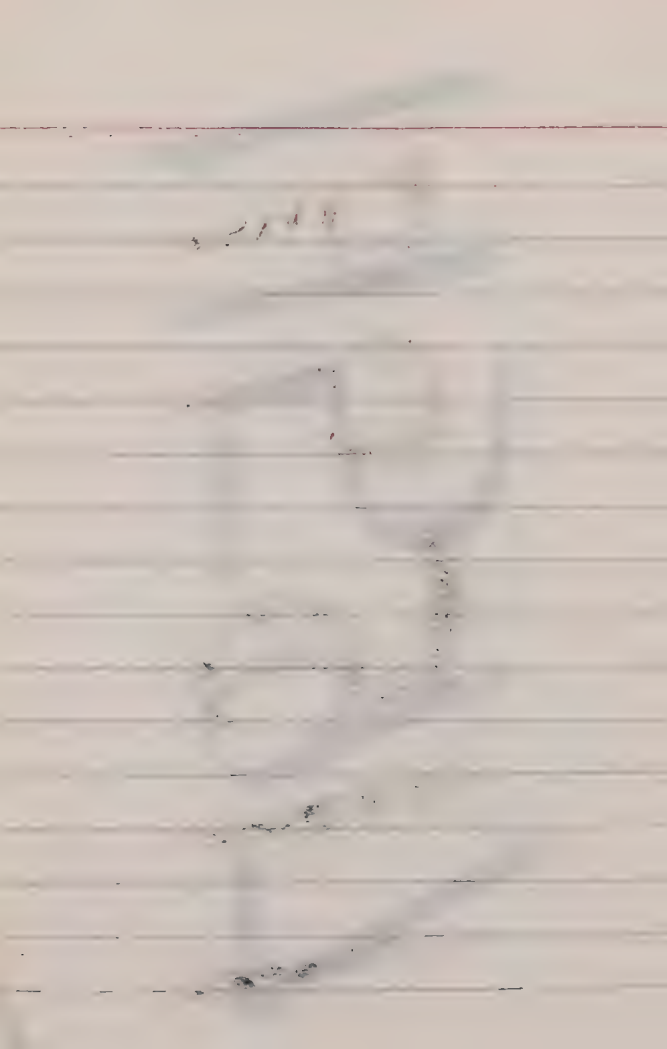
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11

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9

9



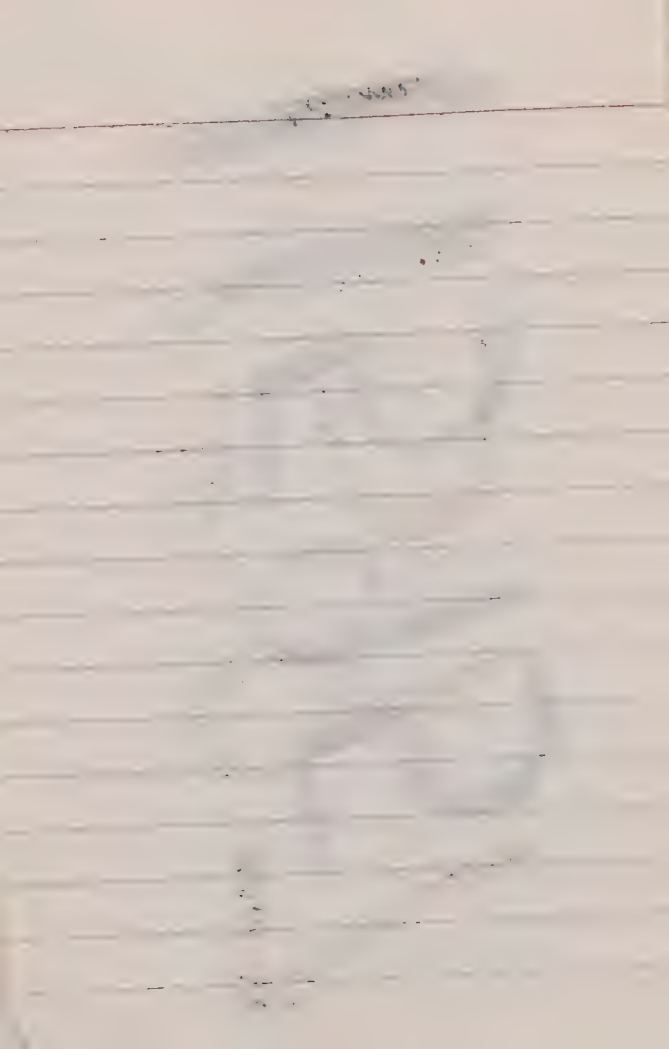
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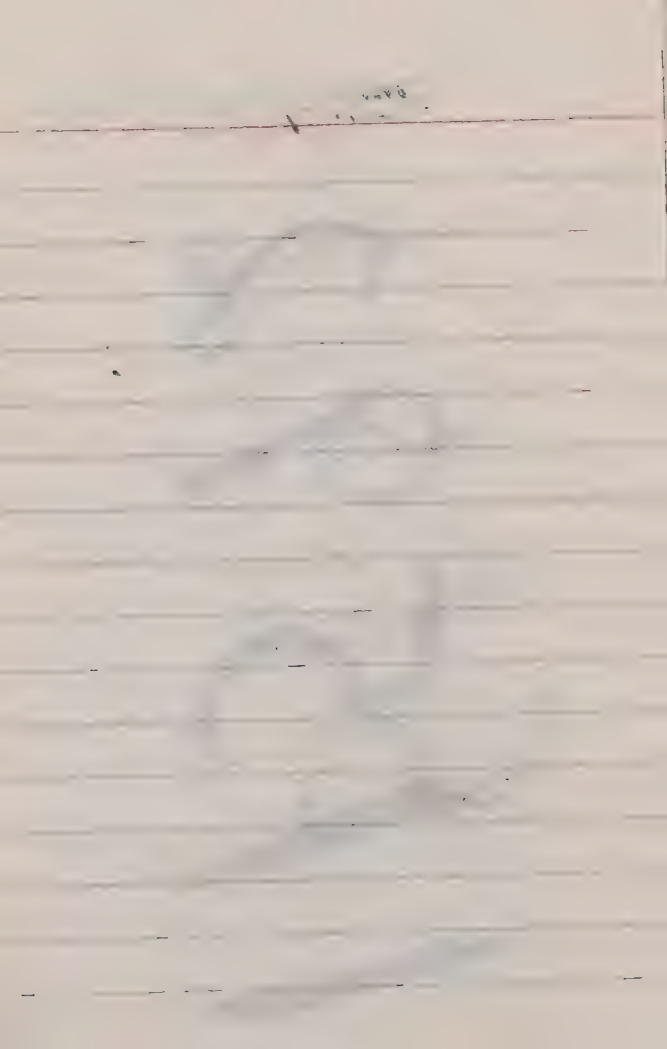
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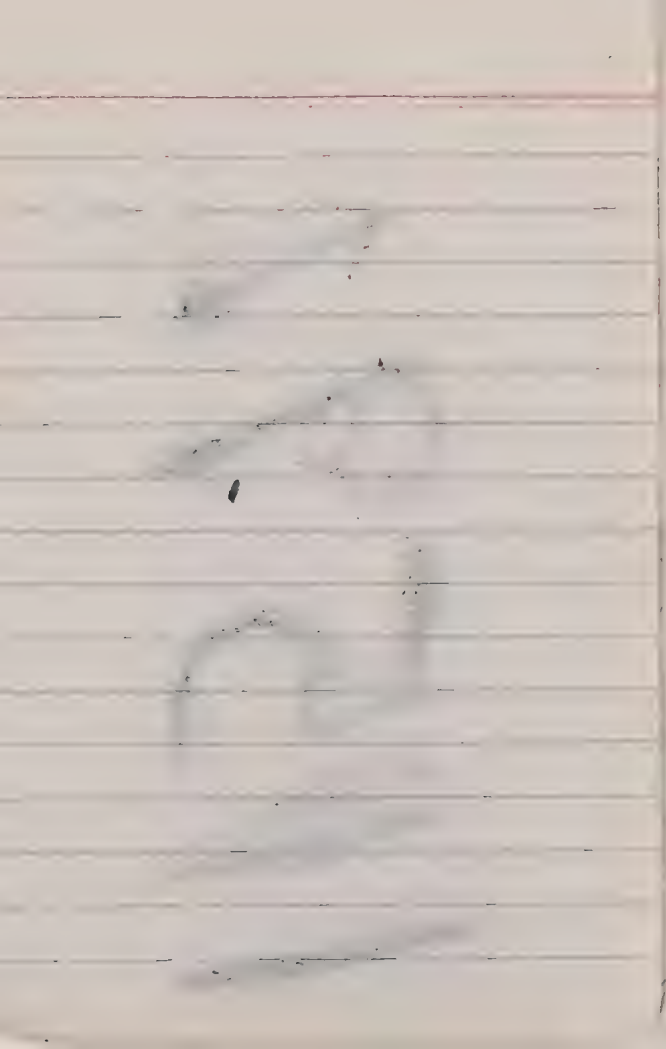


59511



11592

Здравствуйте



11501

Ar Parker

FJ 701.

10:15

13:24

Ma/ae KS/100 Air

CI A.

Si: 00A m 26 Sept 20
Kobe Knitwear

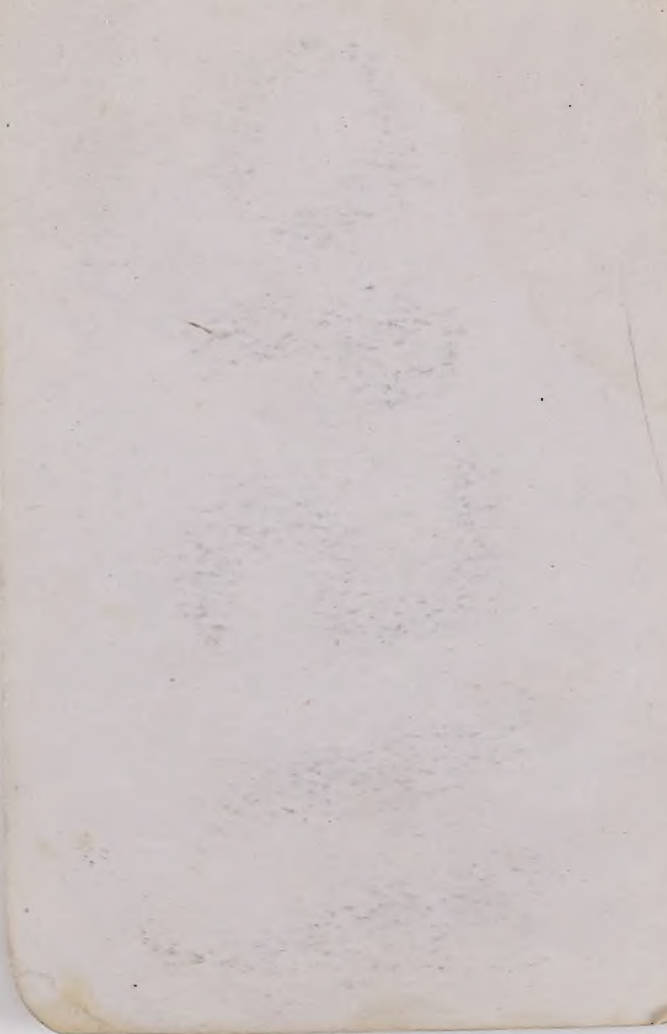
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